

INTERNATIONAL SEARCH REPORT

Internat. Application No
PCT/JP2004/015569

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H01L51/30

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, INSPEC, COMPENDEX, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	KR 2003 078 731 A (KABUSHIKI KAISHA TOSHIBA) 8 October 2003 (2003-10-08) the whole document & US 2004/018386 A1 (HASEGAWA REI ET AL) 29 January 2004 (2004-01-29) the whole document	1-32
A	EP 1 087 448 A (SEMICONDUCTOR ENERGY LAB) 28 March 2001 (2001-03-28) paragraph '0007! - paragraph '0015! paragraph '0035! - paragraph '0038! paragraph '0127!	8,16, 18-20, 27,31

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the International search

21 January 2005

Date of mailing of the International search report

08/02/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	A. R. COOPER, R. G. BOOTH: "Purification of Polymeric Dyes by Ultrafiltration" J APPL POLYM SCI MAR 1 1979, vol. '23, no. 5, 1 March 1979 (1979-03-01), pages 1373-1384, XP002314546 the whole document _____	
A	EP 1 063 869 A (IDEMITSU KOSAN CO) 27 December 2000 (2000-12-27) the whole document _____	
A	PATENT ABSTRACTS OF JAPAN vol. 018, no. 347 (C-1219), 30 June 1994 (1994-06-30) & JP 06 087911 A (MITSUBISHI RAYON CO LTD), 29 March 1994 (1994-03-29) abstract _____	

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Information on patent family members

Intern: Application No

PCT/JP2004/015569

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